

PATENT 0717-0465P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant:

Kiyoshi KUMATA, et al.

Conf.:

3865

Appl. No.:

09/846,297

Group:

Filed:

May 2, 2001

Examiner: NGUYEN

Technology Center 2600

For:

OMNIAZIMUTHAL VISUAL SYSTEM

LARGE ENTITY TRANSMITTAL FORM

Assistant Commissioner for Patents Washington, DC 20231

February 13, 2003

Sir:

Transmitted herewith is an amendment in the above-identified application.

The enclosed	document	is being	transmitted	via t	he Certificate
of Mailing p	provisions	of 37 C.	F.R. § 1.8.		

The enclosed document is being transmitted via facsimile.

The fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL	11	-	20	=	0	\$18	\$0.00
INDEPENDENT	1	-	3	=	0	\$84	\$0.00
FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM							\$0.00
		•				TOTAL	\$0.00

Appl. No. 09/846,297

(Rev. 09/27/01)

		TOPPET TO TO TO TO THE TOTAL TOTAL TO THE TOTAL TOTAL TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TOTAL TOTAL TO THE TOTAL TO THE TOTAL TOTAL TOTAL TOTAL TOTAL TO THE TOTAL TOT
		nonth(s) extension of time pursuant to 1.136(a). \$0.00 for the extension of
\boxtimes	No fee is required.	
	Check(s) in the amount of	of \$0.00 is(are) enclosed.
	Please charge Deposit A \$0.00. This form is sub	account No. 02-2448 in the amount of mitted in triplicate.
overprequ:	urrent, and future repli payment to Deposit Accoun	ssioner is hereby authorized in this, es, to charge payment or credit any at No. 02-2448 for any additional fees 1.16 or under 37 C.F.R. § 1.17; ime fees.
		Respectfully submitted,
		By Charles Gorenstein, #29,271
CG/RI	لل) WD/sjl -0465P	P.O. Box 747 Falls Church, VA 22040-0747 (703) 205-8000
ATTA	CHMENT	



FFB 1 4 2003

Technology Center 2600 0717-04651



IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant:

KUMATA, et al.

Conf.:

3865

Appl. No.:

09/846,297

Group:

2675

Filed:

May 2, 2001

Examiner: Chanh Duy NGUYEN

For:

OMNIAZIMUTHAL VISUAL SYSTEM

REPLY UNDER 37 C.F.R. § 1.111

Assistant Commissioner for Patents Washington, DC 20231

February 13, 2003

Sir:

In reply to the Examiner's Office Action dated November 13, 2002, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

IN THE CLAIMS

Please amend the claims as follows.

1. (Amended)

An omniazimuthal visual system, comprising:

an optical system capable of obtaining an image of 360° view field area

therearound and capable of central projection transformation for the image;

an imaging section for converting the image obtained through the optical system into image data represented by polar coordinates;

an image transformation section for transforming the image data into display data represented by rectangular coordinates;